

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1243544
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1243544

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	HERMAN L. LOEB, LLC
Well Name	KODIAK 'A' 1-27
Doc ID	1243544

Tops

Name	Top	Datum
Tarkio	3090	-1037
Topeka	3297	-1244
Heebner Shale	3725	-1672
Toronto	3742	-1689
Lansing	3900	-1847
Stark Shale	4166	-2113
Base KC	4224	-2171
Kinderhook Shale	4313	-2260
Viola	4380	-2327

OPERATOR

Company: Herman L. Loeb, LLC
 Address: P.O. Box 838
 Lawrenceville, IL 62439

Contact Geologist:
 Contact Phone Nbr: 618-943-2227
 Well Name: Kodiak A #1-27
 Location: Section 27 - T26S - R15W
 API: 15-151-22447-0000
 Pool:
 State: Kansas

Field: Tatlock East
 Country: USA



Scale 1:240 Imperial

Well Name:	Kodiak A #1-27	
Surface Location:	Section 27 - T26S - R15W	
Bottom Location:		
API:	15-151-22447-0000	
License Number:	3273	
Spud Date:	2/14/2015	Time: 10:45 AM
Region:	Pratt County	
Drilling Completed:	2/22/2015	Time: 3:40 AM
Surface Coordinates:	966' FNL & 2156' FWL	
Bottom Hole Coordinates:		
Ground Elevation:	2044.00ft	
K.B. Elevation:	2053.00ft	
Logged Interval:	3050.00ft	To: 4483.00ft
Total Depth:	4483.00ft	
Formation:	Viola	
Drilling Fluid Type:	Chemical/Fresh Water Gel	

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude:
 Latitude:
 N/S Co-ord: 966' FNL
 E/W Co-ord: 2156' FWL

LOGGED BY

Keith Reavis
Consulting Geologist

Company: Keith Reavis, Inc.
 Address: 3420 22nd Street
 Great Bend, KS 67530

Phone Nbr: 620-617-4091
 Logged By: KLG #136

Name: Keith Reavis

CONTRACTOR

Contractor:	Sterling Drilling Company	
Rig #:	4	
Rig Type:	mud rotary	
Spud Date:	2/14/2015	Time: 10:45 AM
TD Date:	2/22/2015	Time: 3:40 AM
Rig Release:		Time:

ELEVATIONS

K.B. Elevation: 2053.00ft
K.B. to Ground: 9.00ft

Ground Elevation: 2044.00ft

NOTES

Due to the results of DST's 1-4, electrical log analysis and low structural position, it was determined that the Kodiak A #1-27 be plugged and abandoned as a dry hole.

A Tooke Daq gas detection system operated by Sterling Drilling was employed during the drilling of this well. ROP and gas curves were imported into this log. Gamma ray and caliper curves from the Halliburton electrical log suite were also imported.

Log tops and measurements were consistently 3 to 5 ft high to tops and measurements picked from the Tooke Daq ROP. Drill time was shifted up hole 3 ft. to more closely match the gamma ray. All tops contained in this report were corrected to the electrical log measurements. Drill stem test intervals were corrected to electrical log depth.

Samples were saved and will be available for review at the Kansas Geological Survey Well Sample Library located in Wichita, KS.

Respectfully submitted,
Keith Reavis

Herman L. Loeb, LLC

daily drilling report

DATE	7:00 AM DEPTH	REMARKS
02/17/2015	2906	Geologist Keith Reavis on location @ 0940 hrs, 3096 ft, drilling ahead Tarkio, Howard, Topeka
02/18/2015	3881	Heebner, Douglas, Brown Lime, short trip @ Brown Lime, show in Toronto warrants test, short trip, TOH w/bit, conduct and complete DST #1, successful test, TIH w/bit, resume drilling, Lansing
02/19/2015	3937	Lansing B, gas kick and show warrant test, TOH w/bit for DST #2, conduct DST #2, successful test, TIH w/bit, resume drilling
02/20/2015	4020	show in D and G zones warrant condemnation/pressure test, TOH w/bit, TIH w/tools, conducting DST #3, complete DST #3, successful test, rig under repairs, TIH w/bit, resume drilling, show in H zone warrants test, TOH w/bit
02/21/2015	4068	TIH w/tools, conduct and complete DST #4, successful test, TIH w/bit, resume drilling, Stark, BKC, Kinderhook
02/22/2015	4483	drilling ahead, Kinderhook, Viola, TD @ 4483 ft, short trip, TOH for logs, rig up Halliburton, conduct logging operations, geologist off loc @ 1715 hrs

Drill Stem Tests












DST #1, 3710-3881 ft, 15-45-45-90, recovered 35 ft mud, IFP 21-27#, ISIP 883#, FFP 28-33#, FSIP 1010#, HSH 1913 & 1869#, BHT 111 deg. F

DST #2, 3917-3937 ft, 15-45-45-90, recovered 125 ft GIP, 62 ft SOCM, 62 ft MW w/oil specs, 62 ft saltwater, IFP 33-53#, ISIP 1145#, FFP 60-112#, FSIP 1153#, HSH 2048 & 1907#, BHT 117 deg F

DST #3, 3948-4020 ft, 15-45-30-90, recovered 340 ft G&OCWM, 509 ft MW w/oil specs, IFP 54-294#, ISIP 1258#, FFP 234-401#, FSIP 1249#, HSH 1951 & 1911#, BHT 120 deg F

DST #4, 4044-4068 ft, 15-45-45-90, recovered 105 ft GIP, 80 ft OCMW, 62 ft SOCW, IFP 34-48#, ISIP 1136#, FFP 54-91#, FSIP 1108#, HSH 2050 & 1997#, BHT 119 deg F

ROCK TYPES

	Dolprim		Lmst fw<7		shale, gry		Ss
	Dolsec		Lmst fw>7		Carbon Sh		Slst
	sdY lmst		shale, grn		shale, red		

ACCESSORIES

MINERAL

- Argillaceous
- ⊥ Calcareous
- ▲ Chert, dark
- ∟ Dolomitic
- ✕ Mineral Crystals
- Silty
- △ Chert White
- Mc Mica

FOSSIL

- Bioclastic or Fragmenta
- F Fossils < 20%
- ⊕ Oolite
- ⊗ Pellets
- ⊕ Oomoldic

STRINGER

- Sandstone
- Siltstone
- green shale

TEXTURE

- C Chalky
- L Lithogr
- MX MicroIn

OTHER SYMBOLS

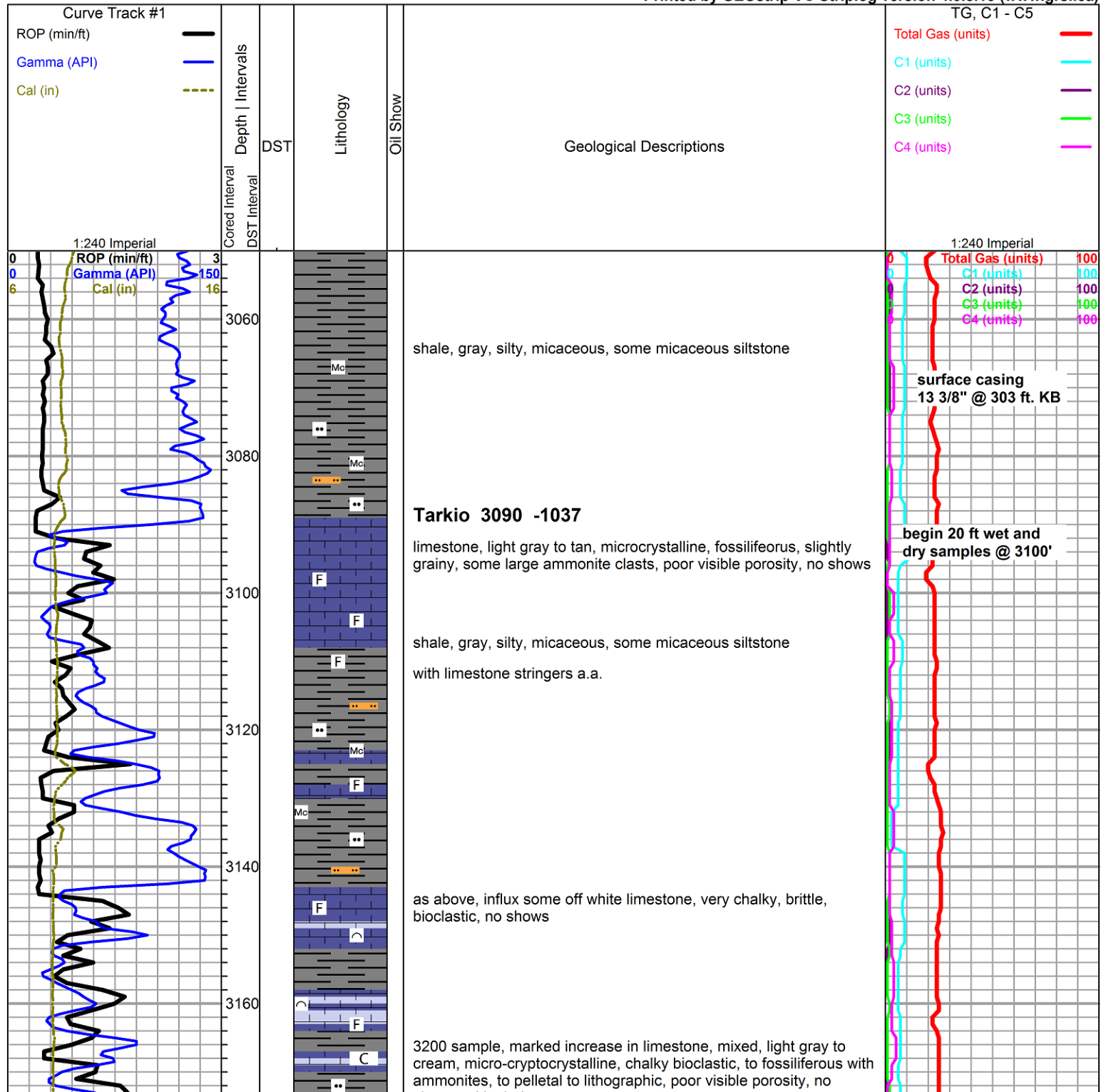
Oil Show

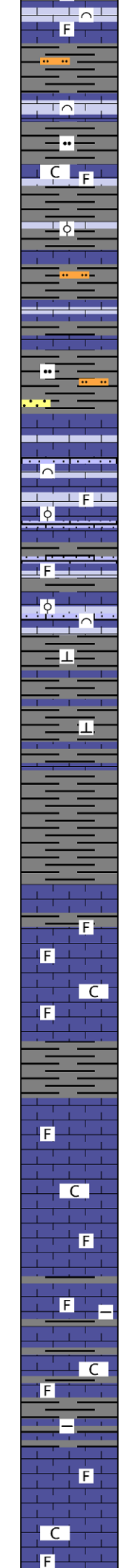
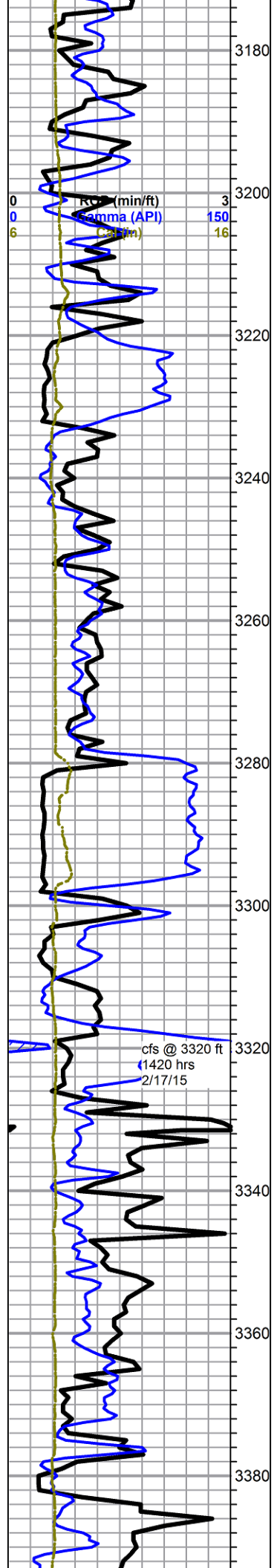
- Good Show
- ◐ Fair Show
- ◑ Poor Show
- Spotted or Trace
- Questionable Stn
- D Dead Oil Stn
- Fluorescence
- * Gas

DST

- DST Int
- DST alt
- Core
- tail pipe

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shows, with shales a.a.

shale a.a. with limestone stringers, mixed, some brown and gray grainy oolitic, chalky, no shows

gray silty shales, some gray siltstone, and very fine grain dirty sandstone

Howard 3231 -1178

limestone, gray to gray brown mottled, grainy fossiliferous to bioclastic, some oolitic some sandy, poor visible porosity, no shows

limestone, a.a. with limestone, gray mottled pelletal, chalky in part, limestone, white to cream, microcrystalline, fossiliferous, chalky to dense, shales and siltstones a.a.

a.a. abundant gray limey shale to shale limestone, decreasing light facies

shale, gray, some silty

Topeka 3297 -1244

limestone, cream, cryptocrystalline, fossiliferous, dense, with limestone, cream to gray/brown mottled, chalky, fossiliferous, argillaceous in part, poor visible porosity, abundant chalk, no shows, no fluorescence in limestones, only light fluorescence in chalk

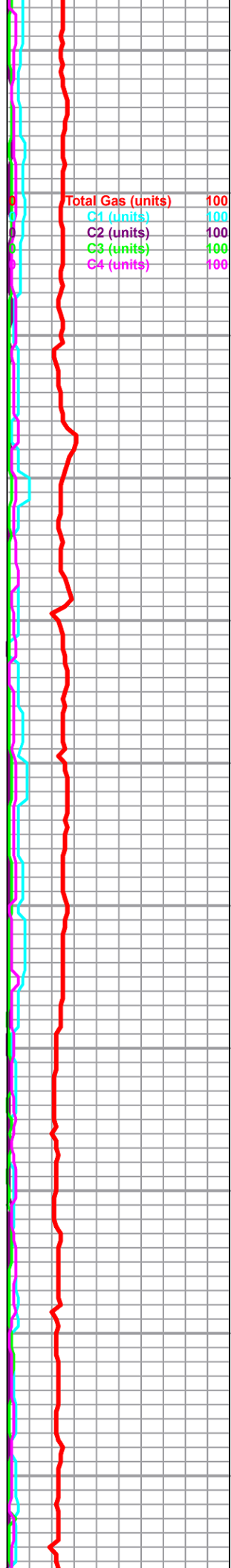
limestone, gray to cream, microcrystalline, fossiliferous, chalky to dense, no shows

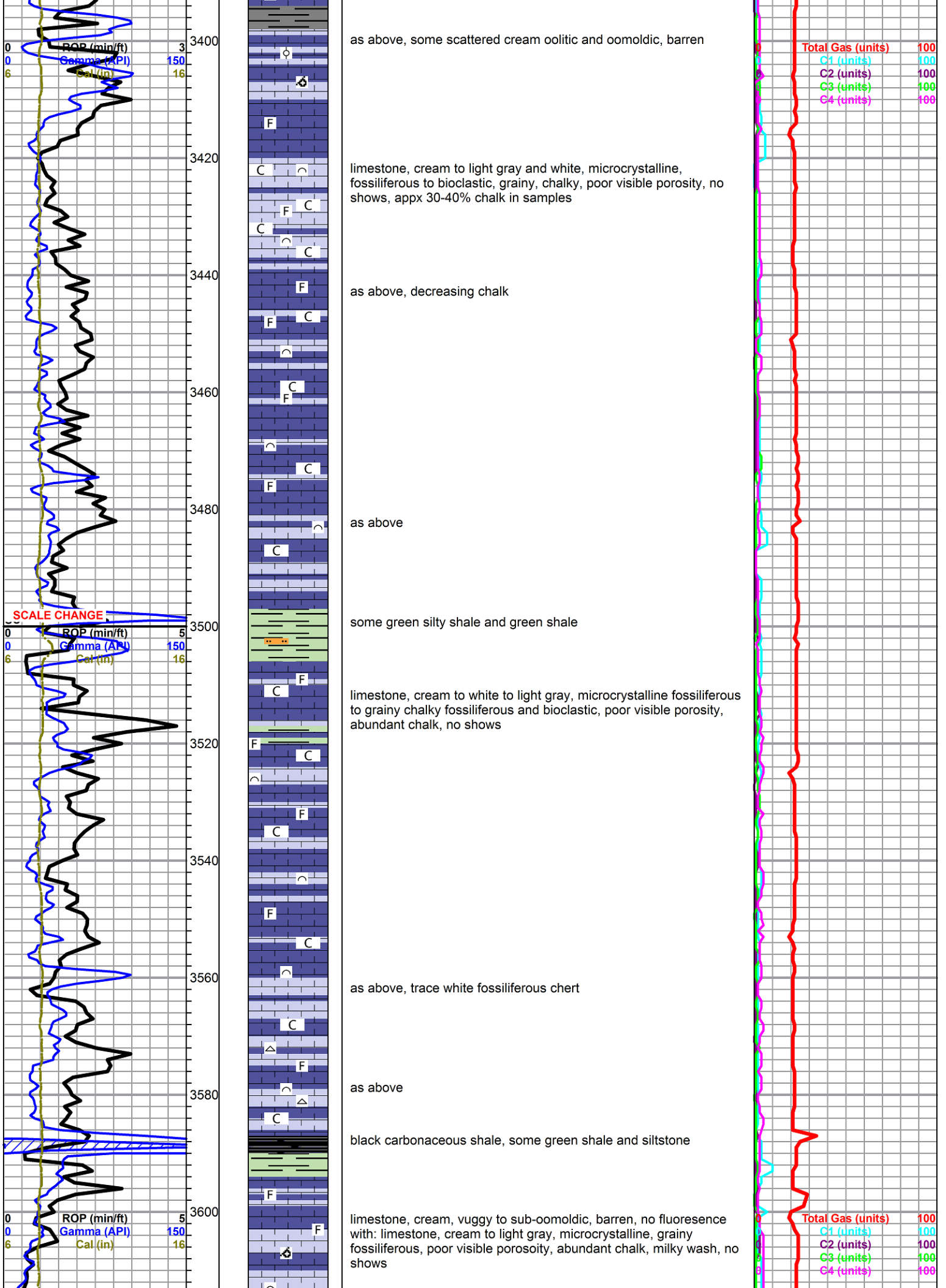
limestone, gray to dark gray, microcrystalline, fossiliferous, some large clasts, argillaceous, trace glauconitic, cream chalky limestones, fossiliferous, with dark gray limey shale

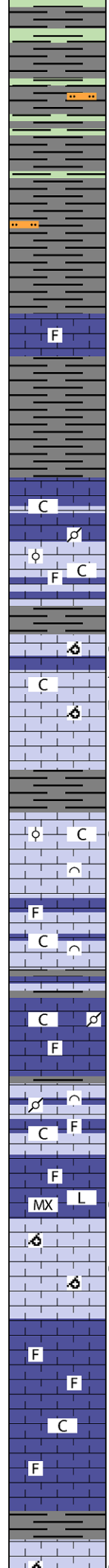
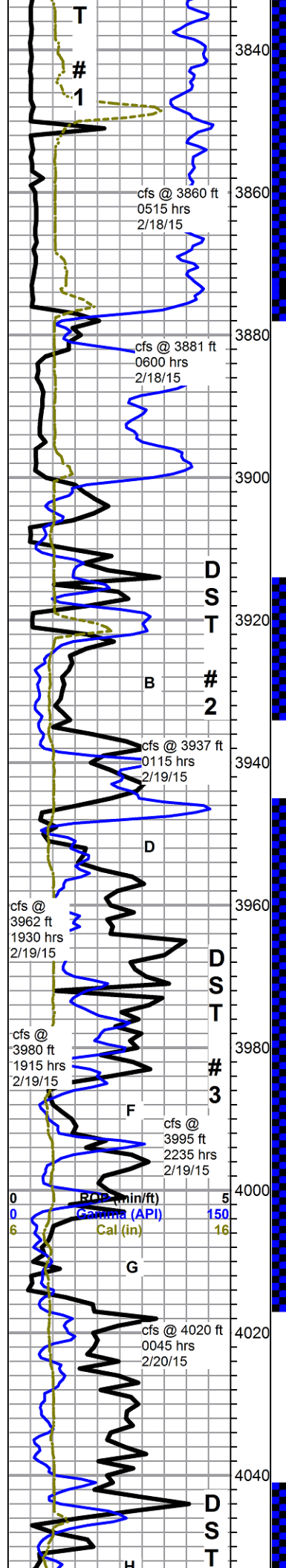
as above, increasing gray shales

limestone, cream to light gray, chalky fossiliferous, decreasing shales

Total Gas (units)	100
C1 (units)	100
C2 (units)	100
C3 (units)	100
C4 (units)	100







Brown Lime 3877 -1824

limestone, tan to gray, cryptocrystalline, dense, fossiliferous, some calcite seams, no shows
 gray shales, silty, micaceous

Lansing 3900 -1847

limestone, white to light gray, some with tan mottling, weathered and chalky, recrystallized fossiliferous and oolitic/pelletal, poor visible porosity, no shows or odor, no fluorescence - some gray dense cryptocrystalline limestones

limestone, light gray, oomoldic, good crystal lined molds with secondary pinpoint porosity, barren to saturated golden brown to black stain, strong odor, bleeding gas, no show free oil but some sheen on break, good green fluorescence, slow very light cut, with some white/gray weathered fossiliferous, black spotty staining

limestone, white to cream, chalky bioclastic to flattened oolitic, 2 specimens only with some small vugs and black tarry residue, few sand grain sized pieces limestone in bottom of tray with residue, no free oil, no odor

limestone, cream to white, microcrystalline, fossiliferous to bioclastic, chalky, poor visible porosity, no shows

grades to limestone, dark gray to cream mottled, microcrystalline, fossiliferous, trace pelletal, chalky to dense, poor visible porosity, no shows

limestone, gray to tan, chalky, fossiliferous to bioclastic, some pelletal, some grainy but dense, poor visible porosity, barren, no fluorescence

4020 sample - limestone, mixed gray, fossiliferous to lithographic, few pieces fine crystalline with intercrystalline porosity and slight show oil, few pieces of lithographic with solution etching and dark stain, faint odor, no fluorescence or cut

30 min cfs - limestone, cream to tan, oomoldic, some oolitic, good porosity, mostly barren with some scattered stained pieces, no free oil, trace heavy oil on break, sour odor, scattered very faint fluorescence, slow fair streaming cut on specimens with stain

limestone, fairly non-descript gray and cream chalky fossiliferous

a.a.

limestone, cream to white, sub-oomoldic and oolitic, poorly developed mold porosity, scattered inter-oolite staining, mostly

Mud-Co Mud chk @ 3881 ft. 0630 hrs. 2/18/15 Vis. 53 Wt. 9.4 PV 15 YP 15 WL 9.0 Cake 1/32, pH 9.0 CHL 5000 ppm Ca 100 ppm Sol 7.5 LCM 3# DMC \$600.13 CMC \$13675.92

short trip @ 3881 ft

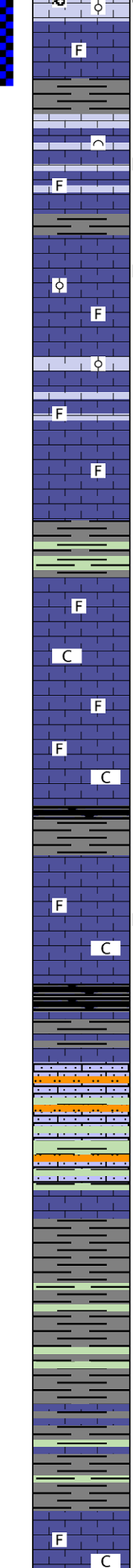
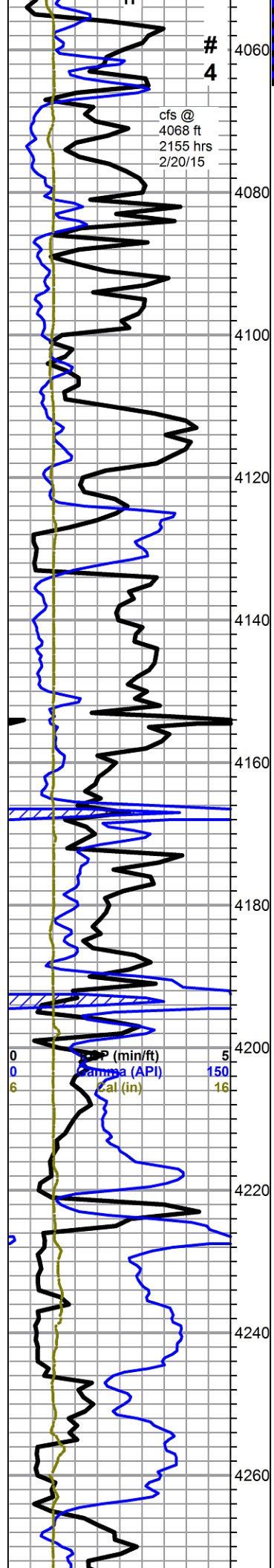
strap 1.44 long to board deviation 3/4 deg

NOTE: gas reading continued to rise and maxed out 5 min after lag thru on Tooke at 105 units

Mud-Co Mud chk @ 3937 ft. 0800 hrs. 2/19/15 Vis. 62 Wt. 9.7 PV 16 YP 16 WL 10.0 Cake 1/32, pH 9.0 CHL 5000 ppm Ca 280 ppm Sol 9.7 LCM 5# DMC \$0.00 CMC \$13675.92

Total Gas (units) 100
 C1 (units) 100
 C2 (units) 100
 C3 (units) 100
 C4 (units) 100

Mud-Co Mud chk @ 4020 ft. 0800 hrs. 2/20/15 Vis. 54 Wt. 9.3 PV 15 YP 16 WL 8.8 Cake 1/32, pH 11.5 CHL 4000 ppm Ca 80 ppm Sol 7.6 LCM 3# DMC \$3097.26 CMC \$16773.18



barren, slightly bleeding, trace free oil in tray, faint odor, poor fluorescence, very slow bright streaming cut to no cut (note samples for this zone fine and sparse)

abundant gray shales

limestone, cream, light gray and white, cryptocrystalline, fossiliferous, trace bioclastic, chalky, scattered spotty black dead stain, no show oil, no odor

4120 sample, limestone, cream to white, cryptocrystalline, oolitic to fossiliferous, poor visible porosity, few pieces with dead black flakey gilsonite stain, no show free oil, no odor, no fluorescence, no cut

a.a. marked increase in chalk

mostly mixed non-descript fossiliferous

limestones, mixed, white to light gray and cream, mostly chalky fossiliferous, trace oolitic, trace dead stain (from above?)

Stark Shale 4166 -2113

limestone, cream to white, microcrystalline, fossiliferous, chalky in part, found 1 specimen with some secondary calcite, light stain, brown dead scaly oil residue on break, no odor, poor fluorescence

black carbonaceous shale

siltstone, silty shale, argillaceous limestone, light gray/green, still abundant limestones from above

Base KC 4224 -2171

gray and green shales, some silty

shales a.a. with limestone, gray to gray green, cryptocrystalline, fossiliferous to lithographic, some argillaceous

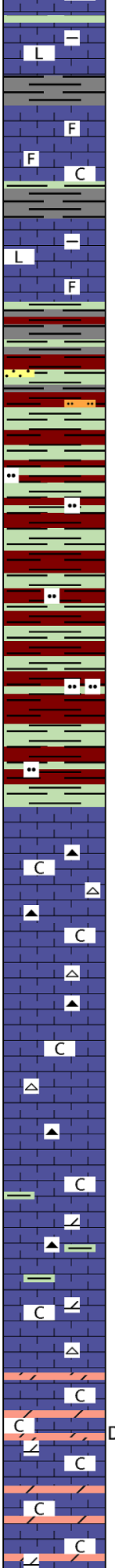
limestone, white to light gray, some green tinting, cryptocrystalline, chalky fossiliferous, some chalky lithographic and dense lithographic, some argillaceous limestone, scattered light brown grainy fossiliferous, no shows

Mud-Co Mud chk @ 4068 ft.
0730 hrs. 2/21/15
Vis. 54 Wt. 9.4
PV 15 YP 15
WL 8.8
Cake 1/32,
pH 11.0
CHL 5000 ppm
Ca 80 ppm
Sol 7.5LCM 4#
DMC \$451.24
CMC \$17224.42

Total Gas (units)	100
C1 (units)	100
C2 (units)	100
C3 (units)	100
C4 (units)	100

grainy fossiliferous, no shows

4280
4300
4320
4340
4360
4380
4400
4420
4440
4460
4480



limestones a.a. with gray and green shales

Kinderhook 4313 -2260

mixed gray, green and red shales, with some gray micaceous silt and silty sandstone stringers, no shows

grades to: shale, maroon to lavender and green, silty

a.a.

Viola 4380 -2327

limestone, white to cream, cryptocrystalline, chalky, some secondary calcite, with white/reddish brown and gray mottled chalky limestone, microcrystalline, some grainy, chert, frosted gray to white translucent, vitreous, some pale green

note: abundant fine round to sub round quartz sand grains in bottom of tray, seeing no clusters

as above, increase in reddish brown mottled facies

limestone and cherts as above, with influx limestone, dolomitic, pale green, cryptocrystalline, dense, some argillaceous, abundant light green shales, some sandy, soft, no shows - still abundant sand grains bottom of tray

beginning 4470 sample, limestone, dolomitic, white to cream, some with pale green tint, very chalky, weathered, poor visible porosity, with scattered dolomite, white, some pale green tint, microcrystalline, sub-rhombic to sub-sucrosic, poor visible porosity, few pieces with spotty dead black stain, no free oil, no odor, no fluorescence, very slight bluish cut - appx 30%+ chalk in samples, (samples very fine this interval to TD)

Rotary TD 4483 ft @ 0340 hrs 2/22/15
Halliburton Log TD 4480 ft
complete logging operations 1600 hrs 2/22/15

ROP (min/ft) 5
Gamma (API) 150
CAL (in) 16

Total Gas (units) 100
C1 (units) 100
C2 (units) 100
C3 (units) 100
C4 (units) 100



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Herman L. Loeb LLC
 P.O>Box 838
 Lawrenceville IL.62439
 ATTN: Keith Revis

27-26s-15w Pratt Ks.
Kodiak A#1-27
 Job Ticket: 59742 **DST#: 1**
 Test Start: 2015.02.18 @ 12:57:42

GENERAL INFORMATION:

Formation: **Toronto**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:04:42
 Time Test Ended: 20:26:57
 Interval: **93710.0 ft (KB) To 3881.00 ft (KB) (TVD)**
 Total Depth: 3881.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gary Pevoteaux
 Unit No: 80
 Reference Elevations: 2053.00 ft (KB)
 2044.00 ft (CF)
 KB to GR/CF: 9.00 ft

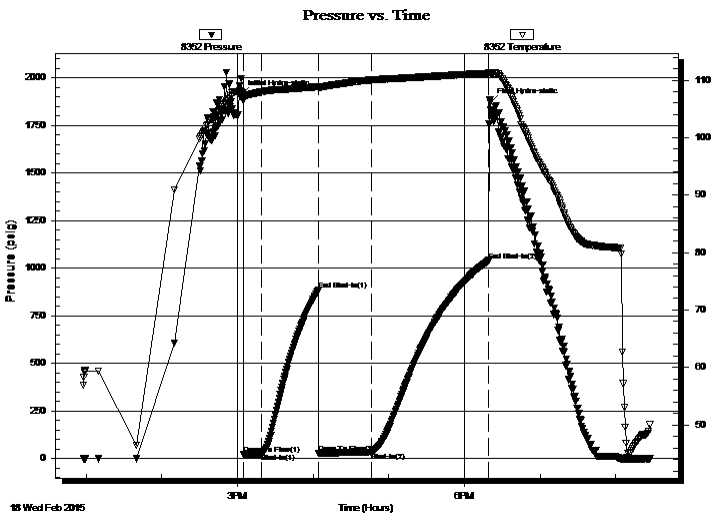
Serial #: 8352

Outside

Press @ Run Depth: 33.03 psig @ 3711.00 ft (KB)
 Start Date: 2015.02.18 End Date: 2015.02.18
 Start Time: 12:57:47 End Time: 20:26:56
 Capacity: 8000.00 psig
 Last Calib.: 2015.02.18
 Time On Btm: 2015.02.18 @ 15:03:12
 Time Off Btm: 2015.02.18 @ 18:20:27

TEST COMMENT: IF:vWeak blow . 1 1/2" decreasing.
 IS!No blow .
 FF:Weak surge/ No blow .
 FS!No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1913.53	107.82	Initial Hydro-static
2	21.48	106.76	Open To Flow (1)
16	27.05	107.97	Shut-In(1)
61	883.65	108.89	End Shut-In(1)
62	28.68	108.62	Open To Flow (2)
103	33.03	110.03	Shut-In(2)
196	1040.71	111.20	End Shut-In(2)
198	1869.46	111.26	Final Hydro-static

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
35.00	Drig.mud	0.17

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Herman L. Loeb LLC
 P.O>Box 838
 Lawrenceville IL.62439
 ATTN: Keith Revis

27-26s-15w Pratt Ks.
Kodiak A#1-27
 Job Ticket: 59742 **DST#: 1**
 Test Start: 2015.02.18 @ 12:57:42

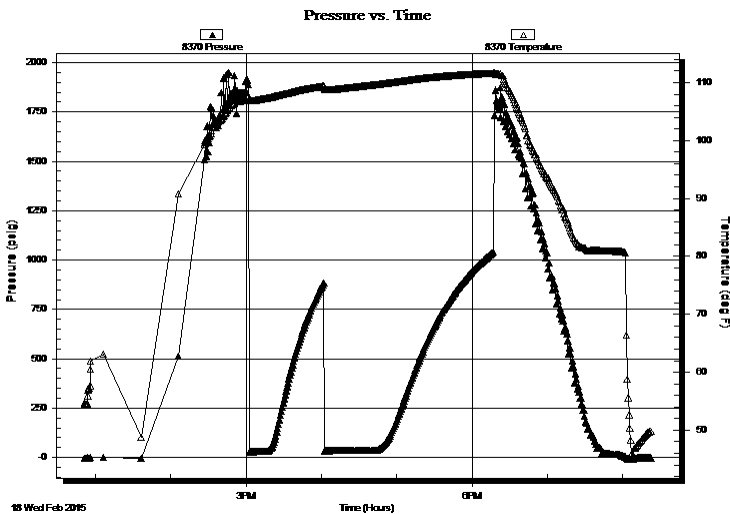
GENERAL INFORMATION:

Formation: **Toronto**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 15:04:42 Tester: Gary Pevoteaux
 Time Test Ended: 20:26:57 Unit No: 80
 Interval: **93710.0 ft (KB) To 3881.00 ft (KB) (TVD)** Reference Elevations: 2053.00 ft (KB)
 Total Depth: 3881.00 ft (KB) (TVD) 2044.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 9.00 ft

Serial #: 8370 Inside
 Press @ Run Depth: psig @ 3711.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.02.18 End Date: 2015.02.18 Last Calib.: 2015.02.18
 Start Time: 12:51:29 End Time: 20:22:38 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF:vWeak blow . 1 1/2" decreasing.
 IS:No blow .
 FF:Weak surge/ No blow .
 FS:No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
35.00	Drig.mud	0.17

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L. Loeb LLC
P.O>Box 838
Law renceville Il.62439
ATTN: Keith Revis

27-26s-15w Pratt Ks.
Kodiak A#1-27
Job Ticket: 59742 **DST#: 1**
Test Start: 2015.02.18 @ 12:57:42

Mud and Cushion Information

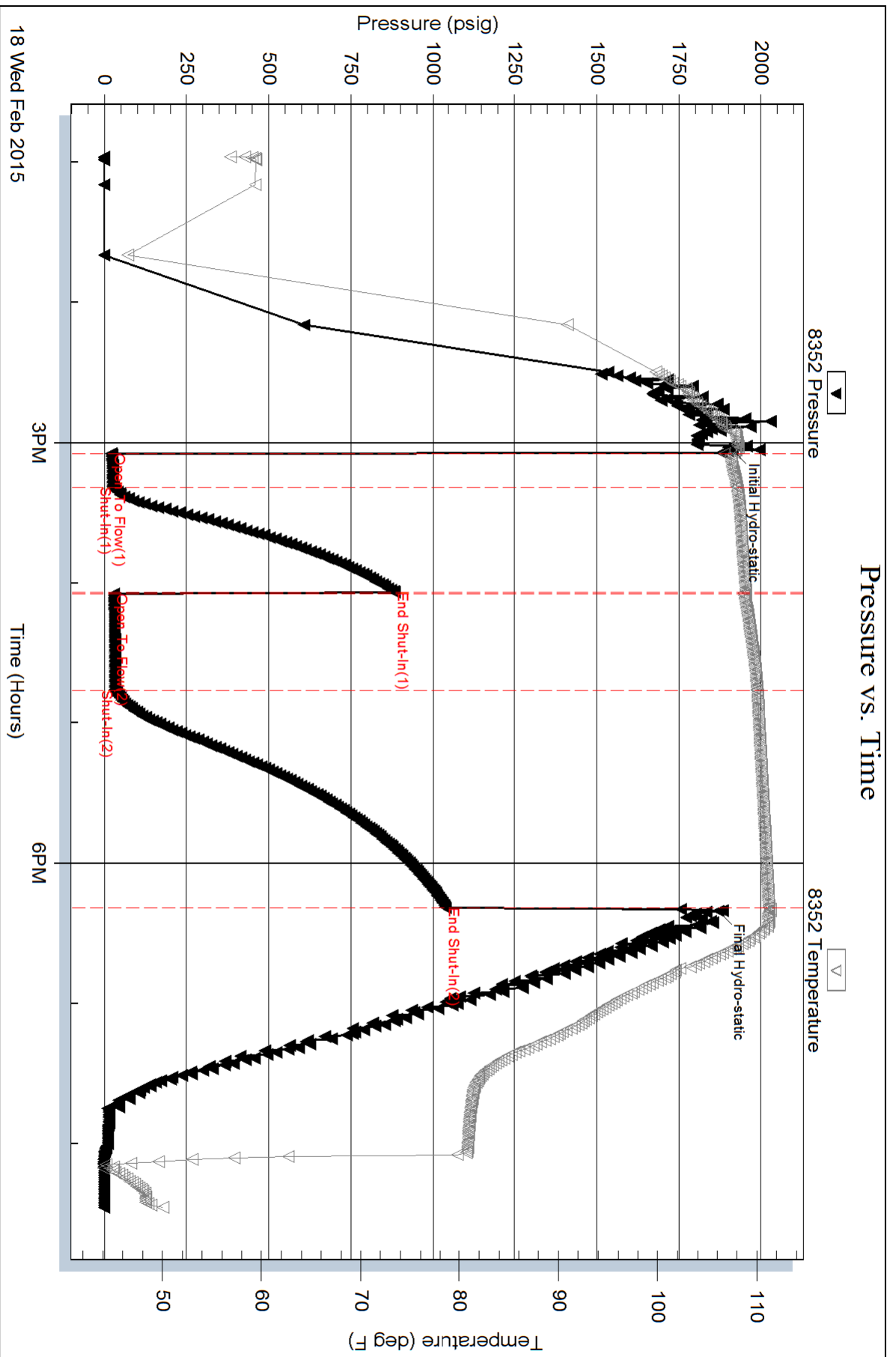
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	5000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	Drig.mud	0.172

Total Length: 35.00 ft Total Volume: 0.172 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:



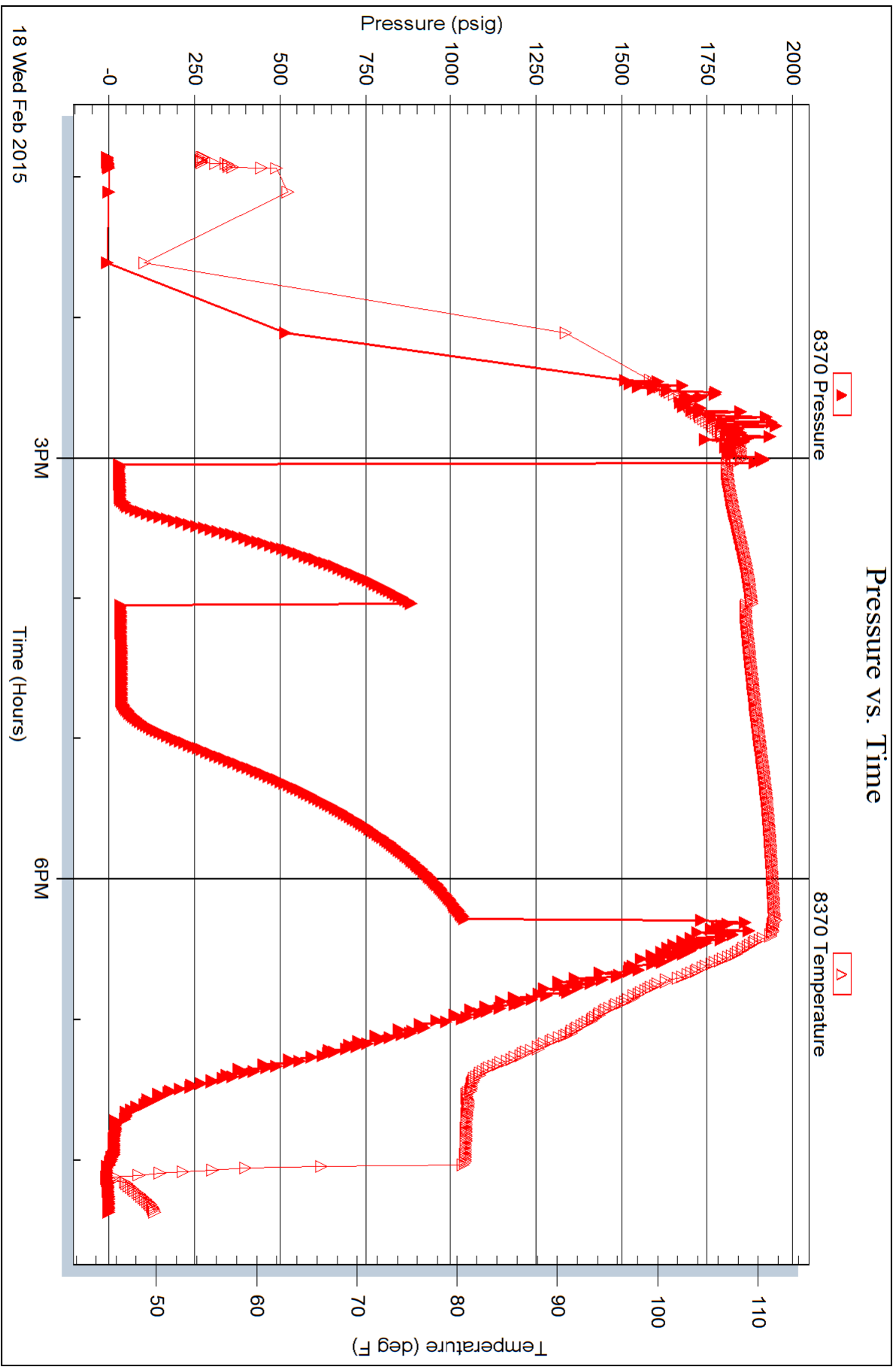
Serial #: 8370

Inside

Herrnan L. Loeb LLC

Kodiak A#1-27

DST Test Number: 1





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Herman L. Loeb LLC
 P.O. Box 838
 Lawrenceville IL 62439
 ATTN: Keith Revis

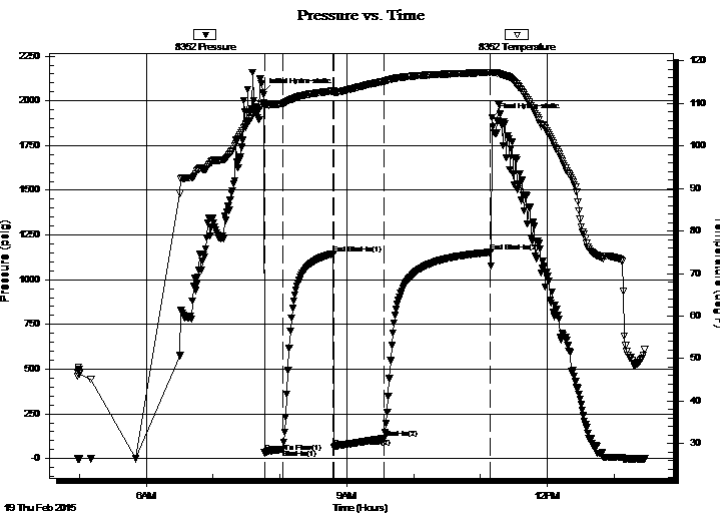
27-26s-15w Pratt Ks.
Kodiak A#1-27
 Job Ticket: 59743 **DST#: 2**
 Test Start: 2015.02.19 @ 04:58:21

GENERAL INFORMATION:

Formation: **Lans. B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:46:06
 Time Test Ended: 13:27:21
 Interval: **3917.00 ft (KB) To 3937.00 ft (KB) (TVD)**
 Total Depth: 3937.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Gary Pevoteaux
 Unit No: 80
 Reference Elevations: 2053.00 ft (KB)
 2044.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8352 Outside
 Press@RunDepth: 112.44 psig @ 3918.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.02.19 End Date: 2015.02.19 Last Calib.: 1899.12.30
 Start Time: 04:58:26 End Time: 13:27:20 Time On Btm: 2015.02.19 @ 07:44:21
 Time Off Btm: 2015.02.19 @ 11:10:36

TEST COMMENT: IF: Strong blow . B.O.B. in 2 1/2 mins.
 IS: No blow .
 FF: Fair to strong blow . B.O.B. in 3 mins.
 FS: Weak blow . 1/2 - 3/4".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2048.25	109.93	Initial Hydro-static
2	33.25	109.74	Open To Flow (1)
18	52.94	110.01	Shut-In(1)
64	1145.44	112.90	End Shut-In(1)
64	60.29	112.59	Open To Flow (2)
110	112.44	115.20	Shut-In(2)
205	1153.69	117.30	End Shut-In(2)
207	1907.64	117.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	SW /trace of oil Rw .14ohms@50deg	0.30
62.00	MW / w o specs 28%m 72%w	0.30
62.00	SOCM 1%o 99%m	0.30
0.00	125 ft.of GIP	0.00

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L. Loeb LLC
P.O. Box 838
Lawrenceville IL 62439
ATTN: Keith Revis

27-26s-15w Pratt Ks.
Kodiak A#1-27
Job Ticket: 59743 **DST#: 2**
Test Start: 2015.02.19 @ 04:58:21

Mud and Cushion Information

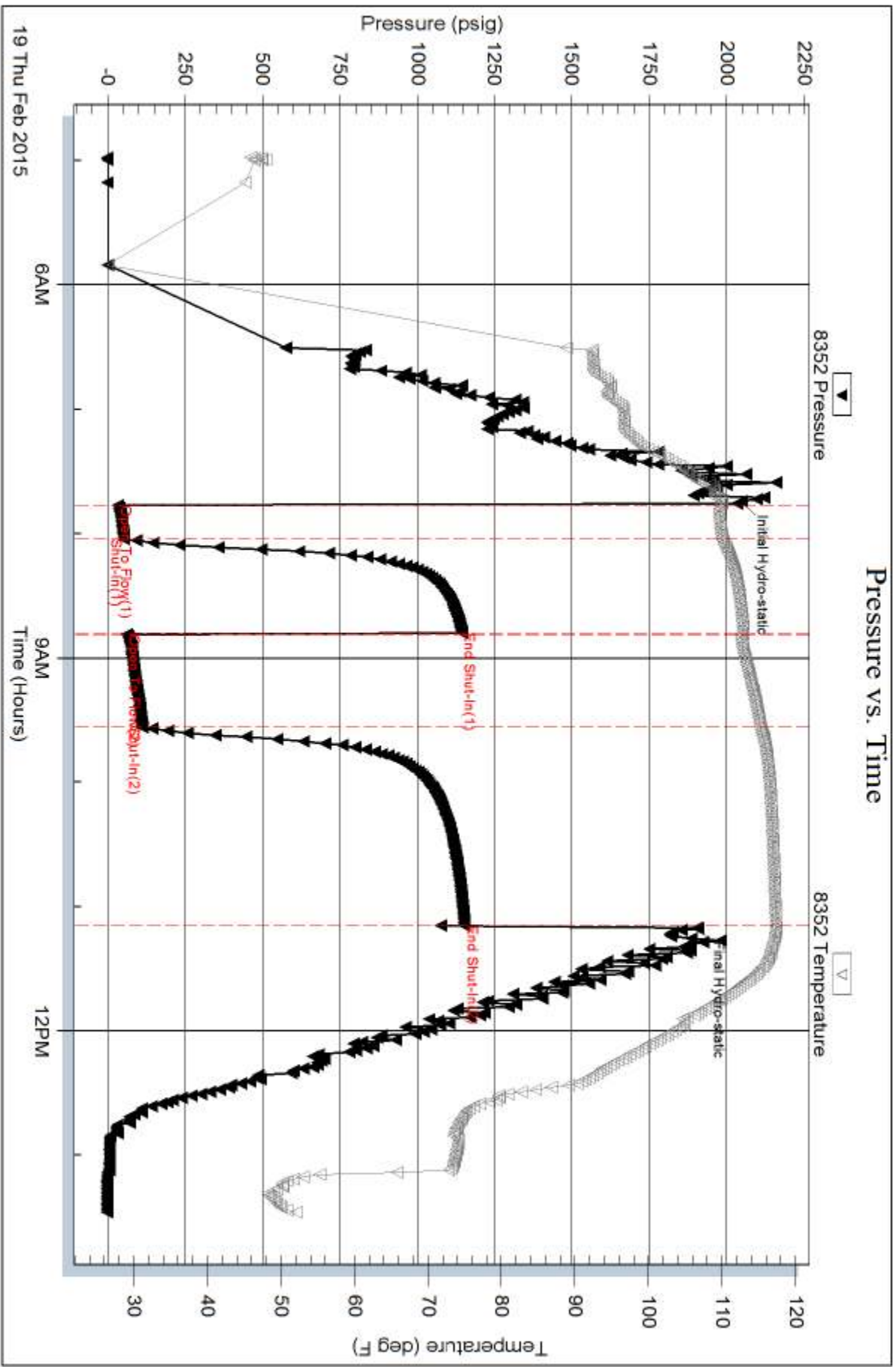
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	82000 ppm
Viscosity: 63.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	SW /trace of oil Rw .14ohms@50deg	0.305
62.00	MW / w o specs 28% _m 72% _w	0.305
62.00	SOCM 1% _o 99% _m	0.305
0.00	125 ft.of GIP	0.000

Total Length: 186.00 ft Total Volume: 0.915 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
Laboratory Name: Laboratory Location:
Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Herman L. Loeb LLC
 P.O. Box 838
 Lawrenceville IL 62439
 ATTN: Keith Revis

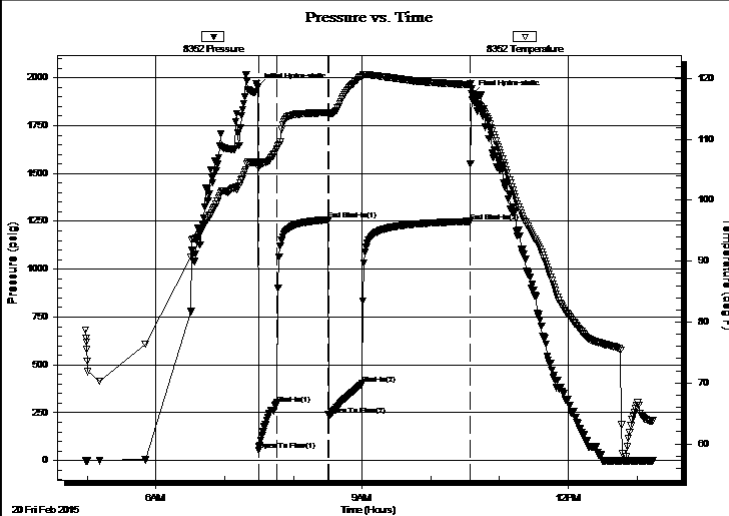
27-26s-15w Pratt Ks.
Kodiak A#1-27
 Job Ticket: 59744 **DST#: 3**
 Test Start: 2015.02.20 @ 04:58:36

GENERAL INFORMATION:

Formation: **LKC D-G**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 07:29:51 Tester: Gary Pevoteaux
 Time Test Ended: 13:13:36 Unit No: 80
Interval: 3948.00 ft (KB) To 4020.00 ft (KB) (TVD)
 Reference Elevations: 2053.00 ft (KB)
 Total Depth: 4020.00 ft (KB) (TVD) 2044.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 9.00 ft

Serial #: 8352 Outside
 Press@RunDepth: 401.30 psig @ 3949.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.02.20 End Date: 2015.02.20 Last Calib.: 2015.02.20
 Start Time: 04:58:41 End Time: 13:13:35 Time On Btm: 2015.02.20 @ 07:28:36
 Time Off Btm: 2015.02.20 @ 10:36:21

TEST COMMENT: IF: Strong blow . B.O.B. in 7 1/2 mins.
 IS: No blow .
 FF: Strong blow . B.O.B. in 10 mins.
 FS: Weak blow . 1/4" or less.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1951.41	106.27	Initial Hydro-static
2	54.97	105.88	Open To Flow (1)
17	294.83	108.25	Shut-In(1)
62	1258.37	114.35	End Shut-In(1)
63	234.92	114.11	Open To Flow (2)
92	401.30	120.34	Shut-In(2)
186	1249.90	118.97	End Shut-In(2)
188	1911.21	116.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
378.00	MW/w o specs 3% m 97% w	3.33
125.00	MW/ w o specs 34% m 66% w	1.75
340.00	G&OCWM 2% g 1% o 44% w 53% m	4.77

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L. Loeb LLC

27-26s-15w Pratt Ks.

P.O. Box 838
Lawrenceville IL 62439

Kodiak A#1-27

Job Ticket: 59744

DST#: 3

ATTN: Keith Revis

Test Start: 2015.02.20 @ 04:58:36

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

89000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
378.00	MW/w o specs 3%m 97%w	3.326
125.00	MW/ w o specs 34%m 66%w	1.753
340.00	G&OCWM 2%g 1%o 44%w 53%m	4.769

Total Length: 843.00 ft Total Volume: 9.848 bbf

Num Fluid Samples: 0

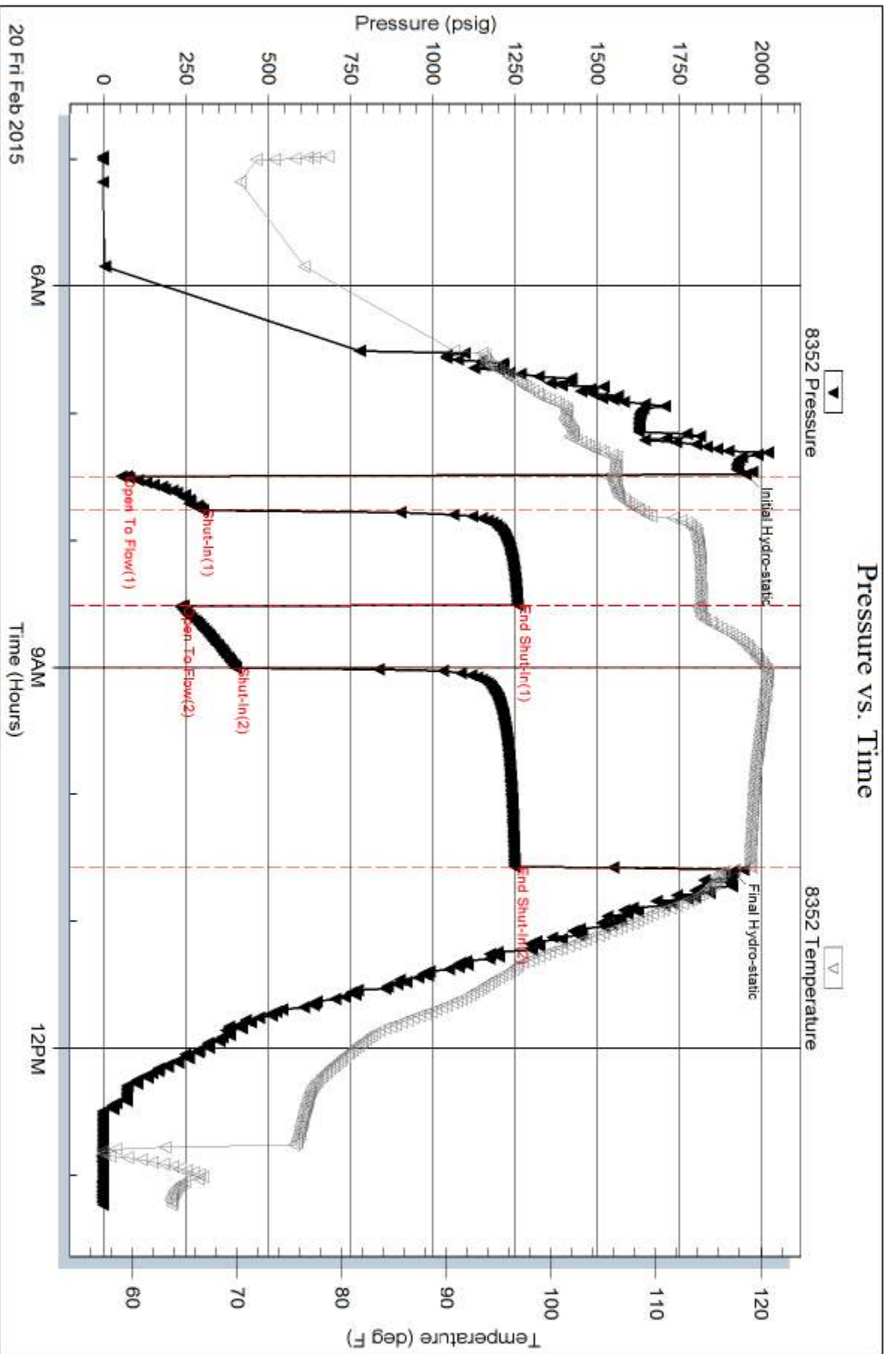
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .12 ohms@ 55 deg





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Herman L. Loeb LLC
 P.O. Box 838
 Lawrenceville IL 62439
 ATTN: Keith Revis

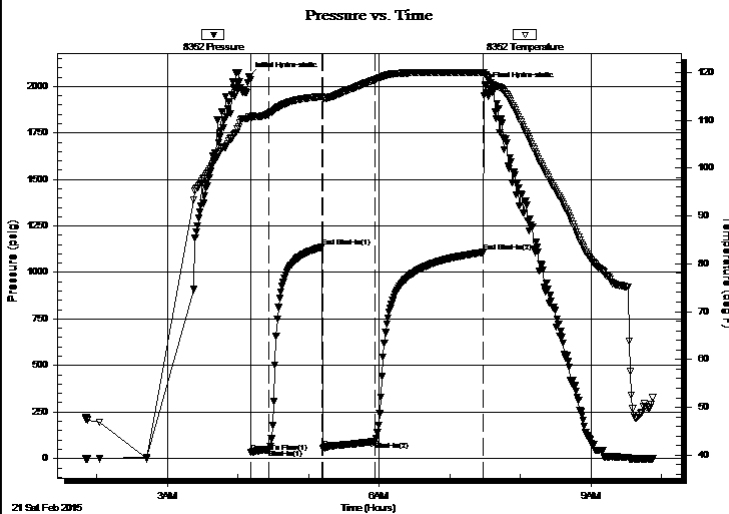
27-26s-15w Pratt Ks.
Kodiak A#1-27
 Job Ticket: 59745 **DST#: 4**
 Test Start: 2015.02.21 @ 01:50:26

GENERAL INFORMATION:

Formation: **Lans. H**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:11:11
 Time Test Ended: 09:52:26
 Interval: **4044.00 ft (KB) To 4068.00 ft (KB) (TVD)**
 Total Depth: 4068.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Gary Pevoteaux
 Unit No: 80
 Reference Elevations: 2053.00 ft (KB)
 2044.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8352 Outside
 Press@RunDepth: 91.88 psig @ 4045.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.02.21 End Date: 2015.02.21 Last Calib.: 2015.02.21
 Start Time: 01:50:31 End Time: 09:52:25 Time On Btm: 2015.02.21 @ 04:09:26
 Time Off Btm: 2015.02.21 @ 07:30:41

TEST COMMENT: IF: Fair blow . Increase to 11".
 IS: No blow .
 FF: Fair blow . Increase to 10".
 FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2050.27	110.61	Initial Hydro-static
2	34.30	110.56	Open To Flow (1)
17	48.96	111.39	Shut-In(1)
63	1136.71	114.93	End Shut-In(1)
63	54.53	114.64	Open To Flow (2)
108	91.88	118.48	Shut-In(2)
200	1108.51	119.90	End Shut-In(2)
202	1997.38	119.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	SOCW 2%o 98%w /Rw .17@44 deg	0.30
80.00	OCWM 12%o 29%w 59%m	0.39
0.00	105 ft.of GIP	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L. Loeb LLC
P.O. Box 838
Lawrenceville IL 62439
ATTN: Keith Revis

27-26s-15w Pratt Ks.
Kodiak A#1-27
Job Ticket: 59745 **DST#: 4**
Test Start: 2015.02.21 @ 01:50:26

Mud and Cushion Information

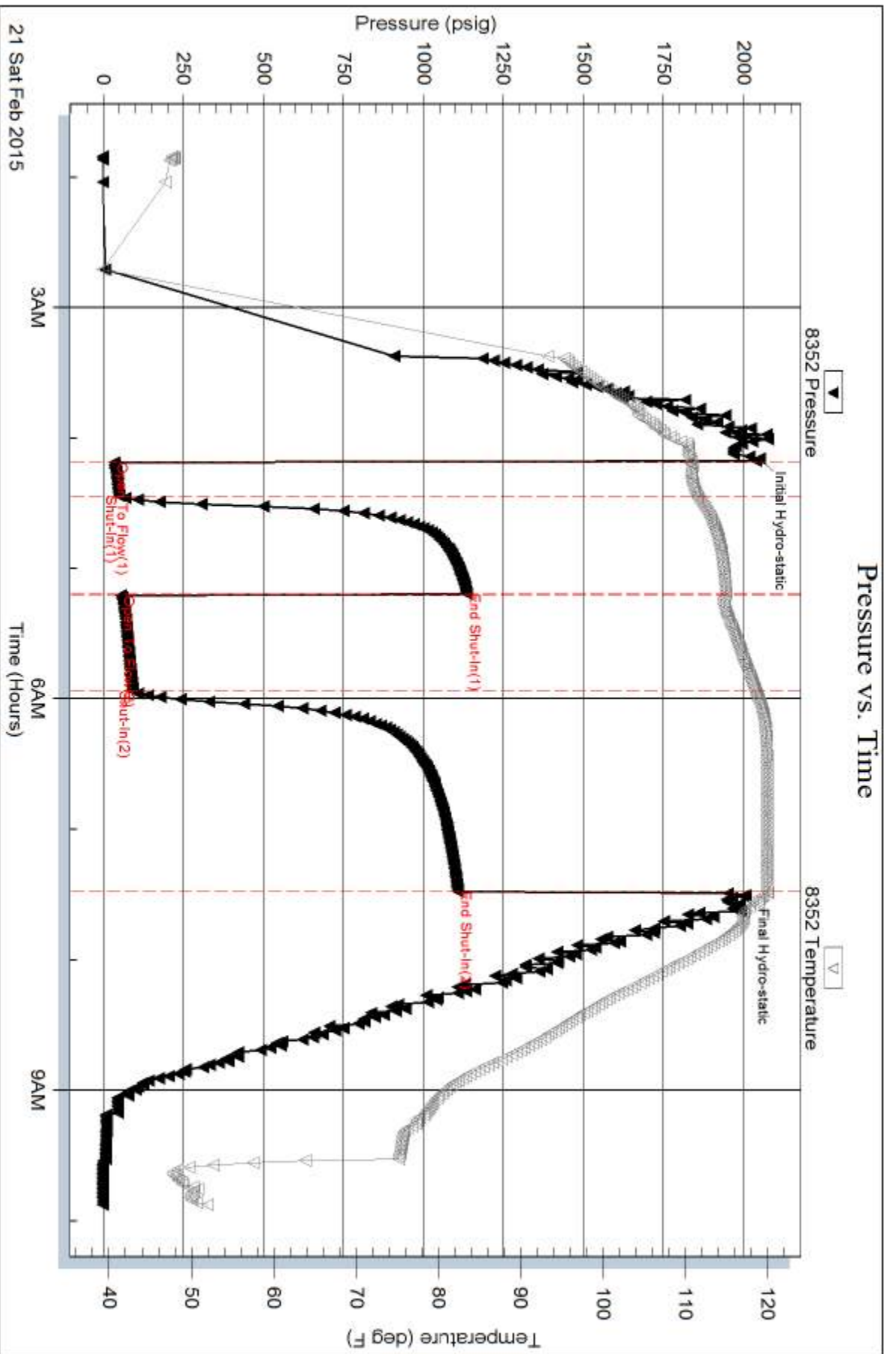
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	77000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in ³	Gas Cushion Type:		
Resistivity: 9.20 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	SOCW 2%o 98%w /Rw .17@44 deg	0.305
80.00	OCWM 12%o 29%w 59%m	0.393
0.00	105 ft.of GIP	0.000

Total Length: 142.00 ft Total Volume: 0.698 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
Laboratory Name: Laboratory Location:
Recovery Comments:





6076
Kodiak A
9438

PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1007589	1718	02/18/2015
INVOICE NUMBER			
91732688			

Pratt (620) 672-1201
 B HERMAN L LOEB LLC
 I PO Box: 838
 L LAWRENCEVILLE
 L IL US 62439
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Kodiak A 1-27
 O B LOCATION
 B COUNTY Pratt
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40816559	20920		Net 30 days	03/20/2015

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 02/14/2015 to 02/14/2015				
0040816559				
171811923A Cement-New Well Casing/Pi 02/14/2015 Cement 13 3/8 Conductor				
Common Cement	350.00	EA	9.92	3,472.22 T
Celloflake	88.00	EA	2.29	201.89 T
Calcium Chloride	658.00	EA	0.65	428.39 T
"Unit Mileage Chg (PU, cars one way)"	25.00	MI	2.79	69.75
Heavy Equipment Mileage	50.00	MI	4.65	232.51
"Proppant & Bulk Del. Chgs., per ton mil	411.00	EA	1.55	637.09
Depth Charge; 0-500'	1.00	EA	620.04	620.04
Blending & Mixing Service Charge	350.00	BAG	0.87	303.82
"Service Supervisor, first 8 hrs on loc.	1.00	EA	108.51	108.51

PAID
56924
FEB 25 2015

SCANNED

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,074.22
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	324.10
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	6,398.32
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

27-26-15

FIELD SERVICE TICKET
1718 11923 A

DATE _____ TICKET NO. _____

DATE OF JOB: 2-14-15 DISTRICT: Pratt		NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:
CUSTOMER: Heiman L Lueb LLC		LEASE: KODAK A			WELL NO. 1-27		
ADDRESS:		COUNTY: Pratt		STATE: KS			
CITY: STATE:		SERVICE CREW: MARTIN, HANSON, PLYE					
AUTHORIZED BY:		JOB TYPE: CNW 13 3/8 13 3/8 CONDUCTOR					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE: 2-14-15 AM/PM TIME
20920	.5						ARRIVED AT JOB AM/PM 7:45
19918	.25						START OPERATION AM/PM 9:10
							FINISH OPERATION AM/PM 9:38
							RELEASED AM/PM 10:30
						MILES FROM STATION TO WELL	25

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP100C	COMMON CRT	EA	550		5,600.00
CC102	CELLULOSE	lb	88		325.60
CC109	CALCIUM CHLORIDE	lb	658		690.90
E100	P.M. MILLS	M	25		112.50
E101	HEAVY EQ. MILLS	M	50		375.00
E113	PROP + BULK D-1	GM	411		1,028.13
CE200	D-PT CHARGE 0-500	4hr	1		1,000.00
CE240	BLENDED + MIX CHARGE	5hr	350		490.00
S003	SUPERVISOR	EA	1		175.00

SUB TOTAL 9797.13

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	% TAX ON \$	
MATERIALS	% TAX ON \$	

DISCOUNT PRICE 6074.22

SERVICE REPRESENTATIVE: Mike Martin
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer HEIMAN L LUBB INC	Lease No.	Date 2-14-15
Lease KODIAK A	Well # 1-27	
Field Order # 11923	Station PRATT	Casing 13 3/8
		Depth 303
Type Job CNW 13 3/8 conductor	Formation	County PRATT
		State KS
		Legal Description 27-26-15

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 13 3/8	Tubing Size	Shots/Ft		Acid EMT 350 SKS	CONCENTRATION	PRESS	ISIP	
Depth 303	Depth	From	To	Pre Pad 290 CF	Max		5 Min.	
Volume 46.5	Volume	From	To	Pad 1/4" PERFOR	Min		10 Min.	
Max Press 500	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection 5 V	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 283	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative George PAYNE	Station Manager Kevin Goley	Treater Mike MATTAL
---	--------------------------------	------------------------

Service Units	37586	33704	20920	19959	19918				
Driver Names	MATTAL	HANSON		P H Y E					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:15					ON LOCATION / SAFETY MEETING
					RUNNING 13 3/8 48" CSNG
8:38					CASING ON BOTTOM
8:43					HOOK TO CSNG / BREAK CIRC W. RIG
9:10	400		3	5	PUMP 3 BBI WATER
9:11	400		75	5	MIX 350 SKS COMMON CMT
9:27	200			4.5	START DISPLACEMENT
9:38	250		43		PLUG DOWN, SHUT IN WELL
					5 BBI CMT TO PIT
					JOB COMPLETE
					THANK YOU!
					MIKE MATTAL
					JUST & DALE



6076
KODIAK
9438

PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1007589	1718	02/25/2015
INVOICE NUMBER			
91739482			

Pratt (620) 672-1201
 B HERMAN L LOEB LLC
 I PO Box: 838
 L LAWRENCEVILLE
 L IL US 62439
 T
 O **ATTN:** ACCOUNTS PAYABLE

J **LEASE NAME** Kodiak A 1-27
 O **LOCATION**
 B **COUNTY** Pratt
 S **STATE** KS
 I **JOB DESCRIPTION** Cement-New Well Casing/Pi
 T **JOB CONTACT**
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
40818686	27463		Net - 30 days	03/27/2015	
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 02/23/2015 to 02/23/2015</i>					
0040818686					
171812120A Cement-New Well Casing/Pi 02/23/2015 Cement P.T.A.					
60/40 POZ 250.00 EA 7.44 1,859.81 T					
Cement Gel 430.00 EA 0.15 66.64 T					
"Unit Mileage Chg (PU, cars one way)" 25.00 MI 2.79 69.74					
Heavy Equipment Mileage 50.00 MI 4.65 232.48					
"Proppant & Bulk Del. Chgs., per ton mil 269.00 EA 1.55 416.91					
Depth Charge; 1001'-2000' 1.00 EA 929.91 929.91					
Blending & Mixing Service Charge 250.00 BAG 0.87 216.98					
"Service Supervisor, first 8 hrs on loc. 1.00 EA 108.49 108.49					

PAID
57077
MAR 04 2015
SCANNED

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	3,900.96
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	152.19
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	4,053.15
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 12120 A

DATE 27 26 15 TICKET NO. _____

DATE OF JOB <u>2/23/15</u> DISTRICT _____		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER <u>Herman Leeb, LLC</u>		LEASE <u>Kodiak A</u> 127 WELL NO.								
ADDRESS _____		COUNTY <u>Pratt</u>		STATE <u>Ks</u>						
CITY _____ STATE _____		SERVICE CREW <u>Scott, Shawn, Michael</u>								
AUTHORIZED BY <u>George Payne</u>		JOB TYPE: <u>Plug to Abandon CNEW</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>27463</u>	<u>.5</u>					ARRIVED AT JOB	<u>2/22/15</u>	AM		<u>10:00</u>
<u>75768</u>	<u>.25</u>					START OPERATION	<u>2/23/15</u>	AM		<u>5:57</u>
						FINISH OPERATION	<u>2/23/15</u>	AM		<u>5:30</u>
						RELEASED	<u>2/23/15</u>	AM		<u>6:00</u>
						MILES FROM STATION TO WELL _____				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<u>CP103</u>	<u>60/40 POZ</u>	<u>SK</u>	<u>250</u>		<u>3000.00</u>
<u>CC 200</u>	<u>Cement (201)</u>	<u>lb</u>	<u>430</u>		<u>107.50</u>
<u>E100</u>	<u>Unit Mileage Charge Pick ups</u>	<u>MI</u>	<u>25</u>		<u>112.50</u>
<u>E101</u>	<u>Heavy Equipment Mileage</u>	<u>MI</u>	<u>50</u>		<u>375.00</u>
<u>E113</u>	<u>Prop 1 Bulk Delivery Charge</u>	<u>TM</u>	<u>269</u>		<u>671.88</u>
<u>CC 202</u>	<u>Depth Charge 1001-2000'</u>	<u>4hrs</u>	<u>1</u>		<u>1500.00</u>
<u>CE 240</u>	<u>Blending & Mixing Service Charge</u>	<u>SK</u>	<u>250</u>		<u>350.00</u>
<u>SC03</u>	<u>Service Supervisor (just 8 hrs on loc)</u>	<u>EG</u>	<u>1</u>		<u>175.00</u>
SUB TOTAL					<u>6291.88</u>
SERVICE & EQUIPMENT				%TAX ON \$	
MATERIALS				%TAX ON \$	
TOTAL					<u>3900.96</u>

Discounted Total \$4

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		<u>3900.96</u>

SERVICE REPRESENTATIVE [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

Customer <i>Herman Loch</i>		Lease No.		Date	
Lease <i>Kochiar 'A'</i>		Well # <i>1-27</i>		<i>2/23/15</i>	
Field Order # <i>12120A</i>	Station <i>Pratt KS</i>	Casing	Depth <i>1050'</i>	County <i>Pratt</i>	State <i>KS</i>
Type Job <i>Plug to Abandon</i>	Formation <i>CNW</i>	Legal Description <i>27 26 15</i>			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad		Max		5 Min.
Volume	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative <i>Lenny Salda</i>	Station Manager <i>Kelvin Goodley</i>	Treater <i>Scott Graves</i>
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Service Units	<i>38970</i>	<i>27463</i>	<i>14826</i>	<i>75708</i>					
Driver Names	<i>Scott</i>	<i>Shawn</i>	<i>M. R.</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>12:00</i>					<i>On Location Safety Meeting. Rig up</i>
<i>3:20</i>					<i>Load well and mud</i>
<i>3:57</i>	<i>100</i>			<i>3.2</i>	<i>Pump H₂O spacer (1050')</i>
<i>3:41</i>	<i>100</i>		<i>10</i>	<i>5.1</i>	<i>Mix 50 SKS 60/40 P02</i>
<i>3:46</i>	<i>100</i>		<i>12.7</i>	<i>5.5</i>	<i>Pump H₂O spacer</i>
<i>3:47</i>	<i>100</i>		<i>3</i>	<i>3.2</i>	<i>Start Displacement</i>
<i>3:50</i>	<i>0</i>		<i>8</i>		<i>Displacement complete shut down (360')</i>
<i>4:23</i>	<i>100</i>			<i>5</i>	<i>Pump H₂O spacer</i>
<i>4:24</i>	<i>75</i>		<i>5</i>	<i>3.8</i>	<i>Mix 100 SKS 60/40 P02</i>
<i>4:33</i>	<i>75</i>		<i>25.5</i>	<i>3.5</i>	<i>Start Displacement</i>
<i>4:35</i>	<i>0</i>		<i>2</i>		<i>Displacement complete shut down (100')</i>
<i>4:35</i>	<i>0</i>			<i>3.5</i>	<i>Mix 50 SKS 60/40 P02</i>
<i>4:59</i>	<i>0</i>		<i>12.7</i>	<i>3.3</i>	<i>Pump circulated to surface</i>
<i>5:00</i>	<i>0</i>				<i>Shut Down</i>
<i>5:25</i>	<i>0</i>		<i>9</i>	<i>7</i>	<i>Plug Rat hole 30SKS 60/40 P02</i>
					<i>Shut down</i>
<i>5:30</i>	<i>0</i>		<i>5.5</i>	<i>2</i>	<i>Plug Mouse hole 20SK 60/40 P02</i>
					<i>Shut down</i>
					<i>Job complete</i>